

**Kentucky Student Edition**

Student Edition

Teacher Edition Package includes a 2 volume set. See details on Teacher Edition sheet.

Teacher Edition	
0021083711	\$150.00
Kentucky Teacher Edition Package, Grade 5	
0021077487	\$75.00
Kentucky Teacher Edition, Vol 1, Grade 5	
0021077495	\$75.00
Kentucky Teacher Edition, Vol 2, Grade 5	
Essential Items	
Ancillary Items	
0021064830	\$399.99
Classroom Manipulative Kit, 3-5	
0021079846	\$30.96
ELL Guide, Grade 5	
002107027X	\$6.99
Impact Mathematics Student Edition, Grade 5	
0021064792	\$21.00
Individual Manipulative Kit, 3-5	
002108288X	\$76.80
Kentucky StudentWorks™ Plus CD-ROM, Grade 5	
0021082898	\$76.80
Kentucky StudentWorks™ Plus DVD, Grade 5	
0021082928	\$189.00
Kentucky TeacherWorks™ Plus DVD, Grade 5	
0021064865	\$75.00
Magnetic Manipulative Kit, K-5	
0021064172	\$49.98
Math Songs CD, 4-5	
0021064911	\$49.98
My Math Zone CD-ROM, 3-5	
0021064857	\$98.97
Overhead Manipulative Kit, 3-5	
0021073929	\$54.00
Real World Problem Solving Reader (1 Each) Sheltered, Grade 5	
0021073856	\$54.00
Real World Problem Solving Reader (1 Each) On Level, Grade 5	
0021073066	\$4.98
Reteach & Skills Practice Workbook, Grade 5	
0021064881	\$399.00
Teacher Manipulative Tool Kit, 3-5	
Free with Purchase items	
0021061580	\$29.97
Strategic Intervention Guide, Grade 5	
Included in Teacher Resource Package	
0021063273	\$75.00
Visual Vocabulary Cards, Grade 5	
Included in Teacher Resource Package	
0021063923	\$30.96
Impact Mathematics Teacher Edition, Grade 5	
Included in Teacher Resource Package	
0021064695	\$6.99
Workmats, Grade 5	

Contract Price

\$58.80

Grade

5

TYPE

P1

Copyright

2010

Author

Altieri and others

Edition

First

Content

Mathematics

Readability

740

Accessibility

Nimas

Research

Contact Publisher

**Kentucky Student Edition**

Option 3. Classroom set with purchase of a classroom set of Student Editions		
0021067791	Video Portfolio DVD, K-6	\$190.95
1 per school with purchase of a classroom set of Student Editions at K-6		
0021067813	Video Portfolio Guide Book, K-6	\$18.00
1 per school with purchase of a classroom set of Student Editions at K-6		
0021068119	Advance Tracker, Grade 5	\$58.80
Option 4. Classroom set with purchase of a classroom set of Student Editions for life of the adoption.		
0021070075	Student Manipulative Kit, 3-5	\$18.00
Option 2. Classroom set with purchase of a classroom set of Student Editions		
0021072728	Chapter Resource Master Chapter 1, Grade 5	\$26.97
Included in Teacher Resource Package		
0021072736	Chapter Resource Master Chapter 2, Grade 5	\$26.97
Included in Teacher Resource Package		
0021072744	Chapter Resource Master Chapter 3, Grade 5	\$26.97
Included in Teacher Resource Package		
0021072752	Chapter Resource Master Chapter 4, Grade 5	\$26.97
Included in Teacher Resource Package		
0021072760	Chapter Resource Master Chapter 5, Grade 5	\$26.97
Included in Teacher Resource Package		
0021072779	Chapter Resource Master Chapter 6, Grade 5	\$26.97
Included in Teacher Resource Package		
0021072787	Chapter Resource Master Chapter 7, Grade 5	\$26.97
Included in Teacher Resource Package		
0021072795	Chapter Resource Master Chapter 8, Grade 5	\$26.97
Included in Teacher Resource Package		
0021072817	Chapter Resource Master Chapter 9, Grade 5	\$26.97
Included in Teacher Resource Package		
0021072825	Chapter Resource Master Chapter 10, Grade 5	\$26.97
Included in Teacher Resource Package		
0021072833	Chapter Resource Master Chapter 11, Grade 5	\$26.97
Included in Teacher Resource Package		
0021072841	Chapter Resource Master Chapter 12, Grade 5	\$26.97
Included in Teacher Resource Package		
0021072868	Chapter Resource Master Chapter 14, Grade 5	\$26.97
Included in Teacher Resource Package		
0021072876	Chapter Resource Master Chapter 15, Grade 5	\$26.97
Included in Teacher Resource Package		
0021072930	Problem-Solving Practice Workbook, Grade 5	\$4.98
Option C. Choose 1 of 4 options. Option 1 Classroom set with purchase of a classroom set of Student		
0021073155	Learning Station Cards, Grade 5	\$64.98
Option 4. 1 per teacher with purchase of a classroom set of Student Editions.		
0021073228	Hands-On Activity Tools & Resources, Grade 5	\$16.50
Included in Teacher Resource Package		

Evaluation Tool for Basal Instructional Materials  
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN	0021077231	Publisher -	Macmillan/McGraw-Hill
	<b>Kentucky Student Edition</b>			
	Type - P1	Author - Altieri and others		
	Copyright - 2010	Edition - First	Readability -	740
	Course - Mathematics		Grade(s) -	5
Teacher Edition ISBN if applicable.....0021083711				

**Overall Recommendation:**

**Recommended as BASAL**

**Overall Strengths, Weaknesses, Comments:**

if this box is not checked, the evaluators have  
chosen NOT recommend as basal

**Overall, this program meets the criteria for Kentucky's Program of Studies, Core Content, and DOK. Assessments are in KCCT format and also include a unit for reviewing for the KCCT. The program provides opportunities for teachers to differentiate instruction. Technology is also evident in the series. The interactive classroom cd-rom provides teachers with PowerPoint's and a premade KCCT like assessment. This is a skill based basal that provides students with practice and application.**

NIMAC Accessibility      N  
Ancillary                      Yes  
Free with Purchase        Yes  
Research                    Yes      Contact Publisher  
Student Edition

**CRITERIA**

This basal resource ...

<b>A. Encompasses KY Content Standards &amp; Grade Level Expectations</b>	<b>Strong Evidence</b>
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Text is designed to be used in an elective course outside the Program of Studies

**1) Includes the 5 Big Ideas of mathematics to the following extent:**

- |                                     |                 |
|-------------------------------------|-----------------|
| a) Number Properties and Operations | Strong Evidence |
| b) Measurement                      | Strong Evidence |
| c) Geometry                         | Strong Evidence |
| d) Data Analysis and Probability    | Strong Evidence |
| e) Algebraic Thinking               | Strong Evidence |

2) Addresses content-specific enduring understandings from the related Program of Studies standards.	Strong Evidence
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3) Addresses content-specific skills and concepts from the related Program of Studies standards.	Strong Evidence
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4) Content addressed is current, relevant and non-trivial	Strong Evidence
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5) Provides opportunities for critical thinking/reasoning	Strong Evidence
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**6) Strengths, Weaknesses, Comments:**

- Specific strengths-which areas/concepts are covered exceptionally well?
- Specific weaknesses-which areas/concepts would likely require supplementing?

Evaluation Tool for Basal Instructional Materials  
Mathematics (2009 – 2015)

Strong evidence of connection to Kentucky Core Content and POS. The entire combined curriculum document can be found at the beginning of the student and teacher editions. Within the document page numbers for lessons are given that address the standard. All assessment items on KCCT question pages are correlated to CC standards and give the Depth of Knowledge for the question. Each lesson begins with a POS statement.

<b>B. Functionality &amp; Suitability</b>	<b>Strong Evidence</b>
<b>1) Suitability</b> <ul style="list-style-type: none"> <li>Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.</li> </ul>	<b>Strong Evidence</b>
<b>2) Content quality</b> <ul style="list-style-type: none"> <li>Free from factual errors</li> <li>Content is presented conceptually when possible—more than a mere collection of facts</li> <li>Content included accurately represents the knowledge base of the discipline</li> <li>Theories/scientific models contained represent a broad consensus of the scientific community</li> <li>Interconnections among mathematical topics</li> </ul>	<b>Strong Evidence</b>
<b>3) Connections to Literacy</b> <ul style="list-style-type: none"> <li>Employs a variety of reading levels and is grade/level appropriate</li> <li>Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.</li> <li>Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.</li> <li>Student text provides opportunity to integrate reading and writing</li> <li>Uses vocabulary that is age and content appropriate</li> <li>Focuses on critical vocabulary vs. extensive lists</li> <li>Identifies key vocabulary through definitions in both text and glossary</li> <li>The text is engaging and facilitates learning</li> <li>Embedded activities enhance the understanding of the text</li> </ul> <p><i>Note: may apply to either student or teacher editions</i></p>	<b>Strong Evidence</b>
<b>4) Connections to Technology</b> <ul style="list-style-type: none"> <li>Integrates technology and reflects the impact of technological advances</li> <li>Uses technology in the collection and/or manipulation of authentic data</li> <li>Embeds web links as a mathematics resource.</li> </ul>	<b>Strong Evidence</b>
<b>5) Support for Diverse Learners</b> <ul style="list-style-type: none"> <li>Provides support for ESL students</li> <li>Provides support for differentiation of instruction in diverse classrooms</li> <li>Challenge for gifted and talented students</li> <li>Support for students with learning difficulties</li> </ul> <p><i>Note: may apply to either student or teacher editions</i></p>	<b>Strong Evidence</b>
<b>6) Strengths, Weaknesses, Comments:</b> <ul style="list-style-type: none"> <li>Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.</li> </ul> <p>Leveled readers are provided that connect math to science and social studies. Vocabulary cards include examples of the concept. Technology includes an interactive classroom CD that can be used with CheckPoint and an ExamView CD that could also be used with CheckPoint or CPS. PowerPoint presentations for each lesson are provided that highlight the important information in the lesson. Activities for ELL, at-risk, and early finishers are provided. Book contains graphics that encompass the interests of all learners. Dina Zike foldables are also presented in each chapter as study guides.</p>	

### C. Supports Inquiry and Skill Development

Strong Evidence

#### 1) Promotes Inquiry, research and Application of Learning

Moderate Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

*Note: may apply to either teacher or student edition*

#### 2) Skill Development

Strong Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

*Note: may apply to either teacher or student edition*

#### 3) Strengths, Weaknesses, Comments:

Strong skill development. Provides extensive practice opportunities for students. Inquiry is embedded through Kentucky correlations that have students apply math to real-life situations and places in our state. Little evidence of hands-on or experiment/simulation activities are included in daily lessons. Learning station cards and the Impact Mathematics series are available with the series that provide additional inquiry activities to reinforce math concepts.

### D. Supports Best Practices of Teaching and Learning

Strong Evidence

#### 1) Engages Students

Strong Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

*Note: may apply to either teacher or student edition*

#### 2) Uses Assessment to Inform Instruction

Strong Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

*Note: may apply to either teacher or student edition*

#### 3) Strengths, Weaknesses, Comments:

Evaluation Tool for Basal Instructional Materials  
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- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

Engages students through graphics and foldable activities. Assessments are strongly correlated to POS and Core Content and include multiple choice and open response items. Each KCCT assessment questions has a listed correlation to a POS item.

**E. Has an Organization/ Format that Supports Learning and Teaching**

**Strong Evidence**

**1) Organizational Quality**

**Strong Evidence**

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

**2) Essential Components (beyond student and teacher text)**

**Strong Evidence**

- Items identified as essential components support the learning goals and concept coverage of the basal

**3) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Well organized materials that include several types of media (video, books, music CDs, and data CDs)

**F. Has available Ancillary/ Gratis Materials**

*Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F* **Strong Evidence**

**1) Ancillary/Gratis Materials**

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

**2) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

[Click here to enter text.](#)